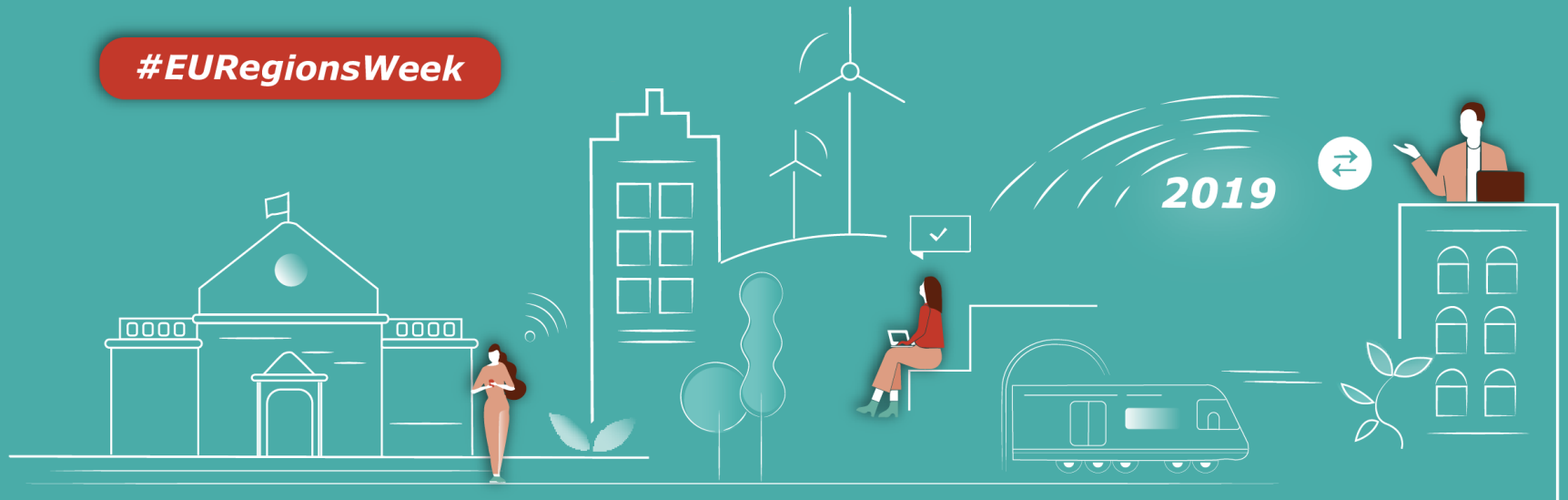




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#EURegionsWeek



Regions and cities, pillars of the EU's future





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SIMBOSJ INDUSTRIAL
REVALORITZEM ELS RECURSOS SOBRRANTS



**Industrial Symbiosis in Sabadell: a medium-sized city experience
fostering a greener Europe through more sustainable industrial areas**



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Framework

- Spanish National Energy and Climate Plan: concern on sustainability and energy efficiency.
- Sabadell and its surrounding is the most industrialized area in the region: high production of industrial waste.



- 7 industrial areas that are part of the city of Sabadell with an impact on its sustainability as a city.
- Strong linkages among the different agents of the local ecosystem (companies, citizens, universities, local administration, etc.).



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- Enough dimension to have relevant impact.
- Chance to keep close and thus gain trust and cohesion among the necessary stakeholders.
- Decision on 2014 for a supramunicipal project on industrial symbiosis.
- Industrial areas as a key element of wealth and job creation as well as the production of industrial waste: critical in terms of city's sustainability.
- Project building on assets of being a medium-sized city plus all the work done since 2008 connecting with industrial companies.



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Actions

- Identification of companies, activities and generated waste.










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- Data processing and identification of possible synergies.

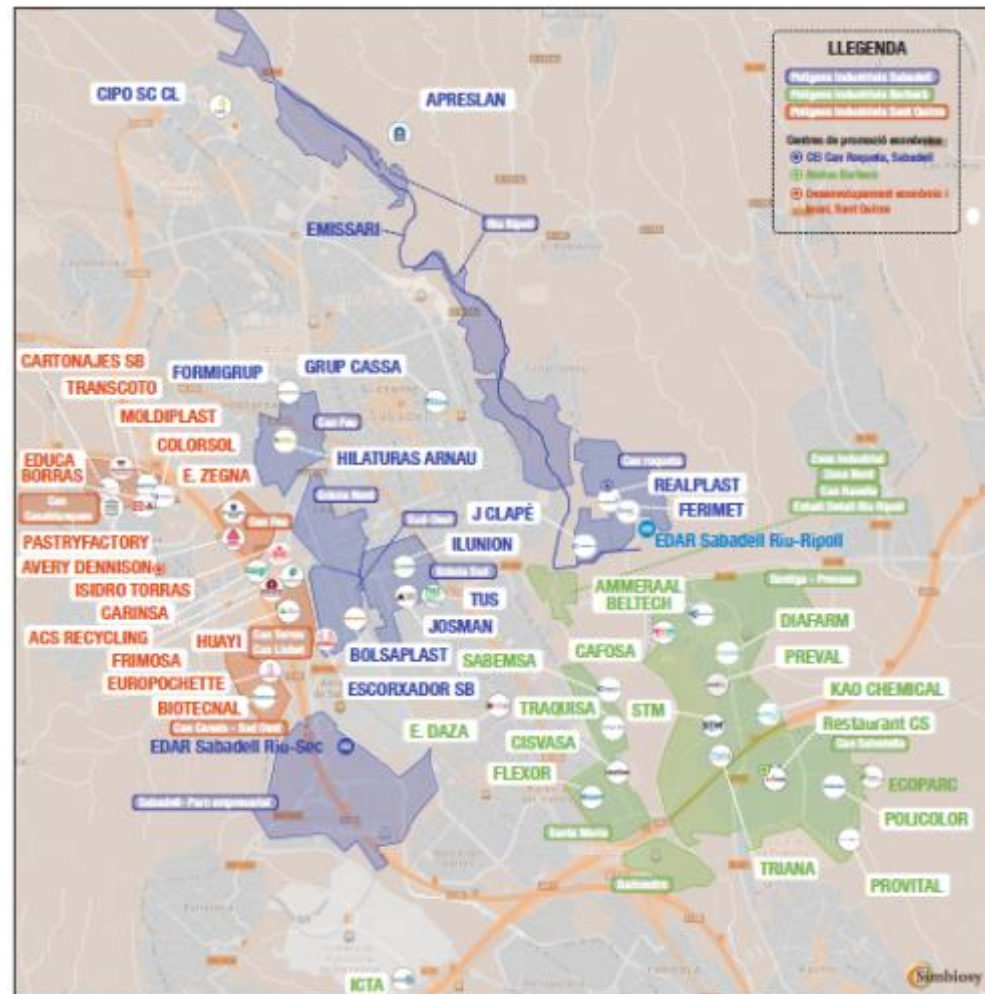
-  **1** RECOVERY OF WASTE WATERS
-  **2** RECOVERY OF PLASTICS
-  **3** MANCOMUNATED ORGANIC WASTE MANAGEMENT COMING FROM COMPANIES CANTEENS
-  **4** BIOGAS PRODUCTION
-  **5** PREPARATION FOR THE RE-USE OF WASTE MATERIALS (ADAPTATION OF MACHINERY AND PROCESSES)
-  **6** REDUCTION OF VALORIZATION OF PACKAGING
-  **7** IMPROVE THE VALORIZATION OF METAL MATERIALS
-  **8** IMPROVE RECYCLING (LIFE CYCLE) OF OILS, FILTERS AND BATTERIES
-  **9** CLOSE UP THE VALUE CHAIN OF TEXTILE INDUSTRY



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- Mapping opportunities and linkages among institutions.





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Results

220 COMPANY VISITS



45 PERSONALIZED SUPPORT ACTIONS

21 BEST PRACTICES INFOGRAPHICS

SIMBIOSJ INDUSTRIAL
INICIATIVA TÈCNICA I EMPRESARIAL

FORMIGRUP

À què se dedica FORMIGRUP?

- FORMIGRUP està format per les empreses formigueres més importants de Catalunya.
- Oferim serveis tècnics i comercials a les empreses formigueres de Catalunya.
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FORMIGRUP té la capacitat empresarial per intervenir en una gran part de la cadena de la construcció

INVERSIÓ

- 1.200.000 €

PRODUCCió

- 1.200.000 €

Noves línies de activitat

- Noves línies de activitat



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Key factors of the process

- Gaining trust and loyalty.
- Sharing information.
- Raising group awareness.
- Public administration becoming a facilitator.
- Consolidating the specific strategy of circular economy.
- Producing communication products and best practices.





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Impacts

For companies...

- Reduction of operating and production costs between the treatment and recovery of waste.
- Efficiency and increase in the production.
- Attraction of private investment and new products.
- Development of new sustainable projects among companies.





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For the environment...

- Decreased demand for natural resources.
- Pollution decrease.
- Decreased demand to rubbish dumps.



For the society...

- Creation of new job places.
- Pollution reduction and its related diseases.



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Thank you for your attention!

More info

www.simbisiindustrial.com

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